

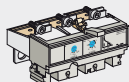
Trip unit selection

Compact NSX100 to 250

Substitution for magnetic/thermal-magnetic trip units

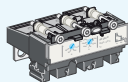
Compact NS100 to 250 N/H/L Compact NSX100 to 250 B/F/N/H/S/L

Magnetic only



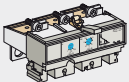
MA				
Rating (A)	Type	NS100	NS160	NS250
2.5	MA2.5	■	-	-
6.3	MA6.3	■	-	-
12.5	MA12.5	■	-	-
25	MA25	■	■	-
50	MA50	■	■	-
100	MA100	■	■	■
150	MA150	-	■	■
220	MA220	-	-	■
Thermal Ir	None			
Magnetic Im (instantaneous)	Adjustable	6...14 In (< 100 A) 9...14 In (≥ 100 A)		

Magnetic only



MA			
Type	NSX100	NSX160	NSX250
MA2.5	■	-	-
MA6.3	■	-	-
MA12.5	■	-	-
MA25	■	-	-
MA50	■	-	-
MA100	■	■	-
MA150	-	■	■
MA220	-	-	■
None			
Adjustable	6...14 In (< 100 A) 9...14 In (≥ 100 A) adjustable in amps		

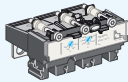
Thermal magnetic



TM-D (Distribution)				
Rating (A)	Type	NS100	NS160	NS250
16	TM16D	■	■	■
25	TM25D	■	■	■
32	TM32D	■	■	■
40	TM40D	■	■	■
50	TM50D	■	■	■
63	TM63D	■	■	■
80	TM80D	■	■	■
100	TM100D	■	■	■
125	TM125D	-	■	■
160	TM160D	-	■	■
200	TM200D	-	-	■
250	TM250D	-	-	■
Thermal Ir	Adjustable	0.8...1 In		
Magnetic Im (instantaneous)	Fixed	8 to 12.5 In if In ≤ 160 A		
	Adjustable	5...10 In for 200 and 250 A		

TM-G (Generator)				
Rating (A)	Type	NS100	NS160	NS250
16	TM16G	■	■	■
25	TM25G	■	■	■
40	TM40G	■	■	■
63	TM63G	■	■	■
Thermal Ir	Adjustable	0.8...1 In		
Magnetic Im (instantaneous)	Fixed	2...4 In depending on In		

Thermal magnetic

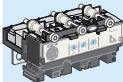


Range 0.7...1 In and adjustable in amps

TM-D			
Type	NSX100	NSX160	NSX250
TM16D	■	-	-
TM25D	■	-	-
TM32D	■	-	-
TM40D	■	-	-
TM50D	■	-	-
TM63D	■	-	-
TM80D	■	■	-
TM100D	■	■	-
TM125D	-	■	■
TM160D	-	■	■
M200D	-	-	■
M250D	-	-	■
Adjust.	0.7...1 In		
Fixed	8 to 12.5 In if In ≤ 160 A		
Adjust.	5...10 In for 200 and 250 A adjustable in amps		

TM-G			
Type	NSX100	NSX160	NSX250
TM16G	■	-	-
TM25G	■	■	-
TM40G	■	■	■
TM63G	■	■	■
Adjust.	0.7...1 In		
Fixed	2...4 In depending on In		

Alternative with electronic trip unit



Wider and more precise setting ranges (0.4...1 In). A single trip unit offers the setting possibilities of several TM-D or TM-G trip units.

or Micrologic 2.2				
Rating (A)	Type	NSX100	NSX160	NSX250
40	2.2 40	■	■	■
	2.2 40	■	■	■
	2.2 40	■	■	■
100	2.2 40	■	■	■
	2.2 100	■	■	■
	2.2 100	■	■	■
160	2.2 100	■	■	■
	2.2 160	-	■	■
	2.2 160	-	■	■
250	2.2 250	-	-	■
	2.2 250	-	-	■
Long time Ir	Adjustable	0.4...1 In + fine adjustment 0.9...1 via dial		
Short-time I _{sd} , fixed delay	Adjustable	from 1.5...10 x In Non-tripping time ≤ 20 ms		
Instant. I _i	Fixed	≥ 12 In		
4P N protection	Off	- 0.5 or 1 Ir		

or Micrologic 2.2 G (Generator)				
Rating (A)	Type	NSX100	NSX160	NSX250
40	2.2 40G	■	■	■
	2.2 40G	■	■	■
	2.2 40G	■	■	■
100	2.2 100G	■	■	■
	2.2 100G	■	■	■
Long time Ir	Adjustable	0.4...1 In + fine adjustment 0.9...1 via dial		
Short-time I _{sd} , fixed delay	Adjustable	from 1.5...9 In Non-tripping time ≤ 140 ms		
Instant. I _i	Fixed	≥ 12 In		

Compact NS Cat. number	Designation	Compact NSX Cat. number	Designation	Compatibility	
				NS/NSX	NSX/NS
29155	Trip unit TMG 16 A 3 poles 3d	LV429155	3P3D TM16G trip unit; for NSX100-250 circuit breaker	No	No
29162	Trip unit TMG 63 A 4 poles 4d	LV429162	4P4D TM63G trip unit; for NSX100-250 circuit breaker	No	No
29163	Trip unit TMG 40 A 4 poles 4d	LV429163	4P4D TM40G trip unit; for NSX100-250 circuit breaker	No	No
29164	Trip unit TMG 25 A 4 poles 4d	LV429164	4P4D TM25G trip unit; for NSX100-250 circuit breaker	No	No
29165	Trip unit TMG 16 A 4 poles 4d	LV429165	4P4D TM16G trip unit; for NSX100-250 circuit breaker	No	No
29170	Trip unit STR22ME 100 A 3 poles 3d	LV429170	3P3D Micrologic 2.2 M 100 A trip unit; for NSX100-250 circuit breaker	No	No
29171	Trip unit STR22ME 80 A 3 poles 3d			No	
29172	Trip unit STR22ME 50 A 3 poles 3d	LV429172	3P3D Micrologic 2.2 M 50 A trip unit; for NSX100-250 circuit breaker	No	No
29173	Trip unit STR22ME 40 A 3 poles 3d			No	
29174	Trip unit STR22ME 25 A 3 poles 3d	LV429174	3P3D Micrologic 2.2 M 25 A trip unit; for NSX100-250 circuit breaker	No	No
29175	Trip unit STR22ME 20 A 3 poles 3d			No	
29200	Non automatic trip unit 2P (NS100/250)		Order a complete breaker with trip unit	No	No
29201	Non automatic trip unit 3P (NS100/250)		Order a complete breaker with trip unit	No	No
29202	Non automatic trip unit 4P (NS100/250)		Order a complete breaker with trip unit	No	No
29210	Earthleakage module Compact Vigì MH 3P 200 to 440 V 30 to 10000 mA	LV429210	3P 200-440 V AC 0.03-10 A Vigì MH; earth-leakage prot. for NSX100/160 breaker	No	No
29211	Earthleakage module Compact Vigì MH 4P 200 to 440 V 30 to 10000 mA	LV429211	4P 200-440 V AC 0.03-10 A Vigì MH; earth-leakage prot. for NSX100/160 breaker	No	No
29212	Earthleakage module Compact Vigì ME 3P 200 to 440 V 300 mA	LV429212	3P 200-440 V AC 0.3 A Vigì ME; earth-leakage prot. for NSX100/160 breaker	No	No
29213	Earthleakage module Compact Vigì ME 4P 200 to 440 V 300 mA	LV429213	4P 200-440 V AC 0.3 A Vigì ME; earth-leakage prot. for NSX100/160 breaker	No	No
29214	Connection for a 4P VIGI on a 3P breaker (NS100/630)	LV429214	Connection for 4P Vigì on 3P device; 3P NSX100-250 circuit breaker accessory	Yes	Yes
29215	Earthleakage module Compact Vigì MH 3P 440 to 550 V 30 to 10000 mA	LV429215	3P 440-550 V AC 0.03-10 A Vigì MH; earth-leakage prot. for NSX100/160 breaker	No	No
29216	Earthleakage module Compact Vigì MH 4P 440 to 550 V 30 to 10000 mA	LV429216	4P 440-550 V AC 0.03-10 A Vigì MH; earth-leakage prot. for NSX100/160 breaker	No	No
29227	3 bare cable connectors 25 to 95 mm² (NS100/250)	LV429227	3 connectors (1 x 25-95 mm²); INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29228	4 bare cable connectors 25 to 95 mm² (NS100/250)	LV429228	4 connectors (1 x 25-95 mm²); INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29234	12 clip-on nuts M6 FC (NS100/250)	LV429234	12 M6 snap-in nuts for front connection; NSX100 circuit breaker accessory	Yes	Yes
29235	Rear connection short for NS100 to 250	LV429235	2 short rear connections; INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29236	Rear connection long for NS100 to 250	LV429236	2 long rear connections; INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29237	Rear connection short for NS100 to 250 3P		Different packaging	Yes	
29238	Rear connection short for NS100 to 250 4P		Different packaging	Yes	
29241	1 bag of 10 clips for connectors (NS100/250)	LV429241	10 clips for connectors; INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29242	3 shrouded cable connectors 160 A (NS100/160)	LV429242	3 steel connectors (1x 1.5-95 mm²); INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29243	4 shrouded cable connectors 160 A (NS100/160)	LV429243	4 steel connectors (1x 1.5-95 mm²); INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29248	3 connect. 6 cables 35 mm² and ph. sep (NS100/250)	LV429248	3 connectors (6 x 1.5-35 mm²) + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29249	4 connect. 6 cables 35 mm² and ph. sep (NS100/250)	LV429249	4 connectors (6 x 1.5-35 mm²) + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29252	3 tubular lugs for cable 120 mm² 8-25 and 2 separators (NS100/250)	LV429252	3 Cu 120 mm² crimp lugs + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29253	3 tubular lugs for copper cable 1500 mm² and separators (NS100/250)	LV429253	3 Cu 120 mm² crimp lugs + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29254	3 tubular lugs for copper cable 185 mm² and 2 separators (NS100/250)	LV429254	3 Cu 185 mm² crimp lugs + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29256	4 tubular lugs for copper cable 120 mm² and 3 separators (NS100/250)	LV429256	4 Cu 120 mm² crimp lugs + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29257	4 tubular lugs for copper cable 150 mm² and separators (NS100/250)	LV429257	4 Cu 150 mm² crimp lugs + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29258	4 tubular lugs for copper cable 185 mm² and 3 separators (NS100/250)	LV429258	4 Cu 185 mm² crimp lugs + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29259	3 bare cable connectors 120 to 185 mm² (NS100/250)	LV429259	3 connectors (1 x 120-185 mm²); INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29260	4 bare cable connectors 120 to 185 mm² (NS100/250)	LV429260	4 connectors (1 x 120-185 mm²); INV/INS NSX100-250 circuit breaker accessory	Yes	Yes
29261	Terminal extension rightangle connection for NS100 to 250 3P	LV429261	3 right angle terminal ext + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29262	Terminal extension rightangle connection for NS100 to 250 4P	LV429262	4 right angle terminal ext + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29263	Terminal extension set of 3 for NS100 to 250	LV429263	3 straight terminal ext + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29264	Terminal extension set of 4 for NS100 to 250	LV429264	4 straight terminal ext + ph barriers; INV/INS NSX100-250 breaker accessory	Yes	Yes
29265	Plug-in base F/R connected 2P (NS100/250)	LV429265	2P plug-in base; NSX100-250 circuit breaker accessory		